Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1385	715/500.1	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:41
L2	1889	715/501.1	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:41
L3	14969	709/203	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:42
L4	1283	"address table".clm.	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:42
L5	6485	url.clm.	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:42
L6	8	I4 and I5	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:44
L7	486	"flag information".clm.	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:44
L8	5	17 and 14	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:45
L9	11	"slide show system"	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:45
L10	2	I9.clm.	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:46
L11	549	presenter.clm.	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:46
L12	0	I10 and I11	US-PGPUB; USPAT	OR	OFF	2007/07/31 17:46

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Ref # **	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	(@ad<"19990630" and @rlad<"19990630") and "address table" and URL and determin\$5 and notifi\$5 and terminals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:25
L3	2	"6072480".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:25
L4	· 3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L5	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L6	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L7	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L8	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L9	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L10	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L11	1889	715/501.1	US-PGPUB;	OR	OFF	2007/07/31 17:29
			USPAT; EPO; JPO; DERWENT; IBM_TDB			
L12	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L13	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L14	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L15	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L16	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L17	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L18	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L19	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L20	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L21	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L22	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L23	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L24	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L25	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L26	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L27	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF ·	2007/07/31 17:29
L28	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L29	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L30 ·	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L31	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L32	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L33	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L34	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L35	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L36	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L37	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L38	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L39	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L40	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L41	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L42	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L43	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L44	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L45	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L46	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L47	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L48	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L49	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L50	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L51	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L52	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L53	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L54	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L55	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L56	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L57	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L58	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L59	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/07/31 17:29
L60	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L61	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L62	_. 3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L63	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/07/31 17:29
L64	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L65	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L66	3177	"slide show" .	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L67	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/07/31 17:29
L68	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L69	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L70	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L71	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L72	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L73	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L74	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L75	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L76	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L77	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L78	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L79	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L80	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L81	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L82	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L83	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L84	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L85	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L86	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L87	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L88	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L89	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L90	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L91	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L92	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L93	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L94	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L95	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L96	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L97	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L98	. 34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29 ·
L99	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L100	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L101	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L102	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L103	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L104	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L105	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L106	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L107	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L108	1	"5774662".pn.	USPAT	OR	OFF	2007/07/31 17:29
L109	1	"5774662" and url	USPAT	OR	OFF	2007/07/31 17:29
L110	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L111	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L112	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L113	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L114	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L115	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L116	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L117	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L118	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2007/07/31 17:29
L119	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L120	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L121	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L122	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L123	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L124	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L125	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L126	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L127	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L128	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L129	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L130	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L131	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L132	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L133	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L134	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L135	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L136	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L137	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L138	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L139	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L140	3177	"slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L141	2	"predetermined output sequence" and slide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L142	94983	output and address and network and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L143	1385	715/500.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L144	1889	715/501.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L145	0	"6289304".pn. and weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L146	3497	"address table" and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2007/07/31 17:29
L147	1191	"page display" and notification	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L148	284	"address table" and flag and learning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L149	928	"ip address" and notification and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L150		"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L151		"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L152	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L153	1	"page display notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L154	1	"5774662".pn.	USPAT	OR	OFF	2007/07/31 17:29
L155	1	"5774662" and url	USPAT	OR	OFF	2007/07/31 17:29
L156	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L157	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L158	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L159	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L160	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L161	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L162	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L163	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR ·	OFF	2007/07/31 17:29
L164	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L165	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L166	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF .	2007/07/31 17:29
L167	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L168	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L169	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L170	2.	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L171	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L172	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L173	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO;	OR	OFF	2007/07/31 17:29
			DERWENT; IBM_TDB			
L174	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L175	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L176	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L177	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF ·	2007/07/31 17:29
L178	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L179	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L180	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L181	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L182	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L183	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L184	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L185	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L186	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L187	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L188	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L189	27	"predetermined output sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L190	13	"predetermined output sequence" and address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L191	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L192	2	"6199076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L193	2	"6289304".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L194	53	"6155840"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L195	2	"6155840".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L196	19	"address table" and flag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L197	33	"page display" and notification and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L198	34	"address table" and flag and (notify or notification) and @ad<"19990204" and "715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L199	24	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning) and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L200	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L201	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L202	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

L203	146	"slide show" and "address information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L204	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L205	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L206	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR ,	OFF	2007/07/31 17:29
L207	255	"address table" and flag and (notify or notification) and @ad<"19990204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L208	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L209	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L210	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L211	322	"ip address" and notification and @ad<"19990204" and (presentation or slide or learning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L212	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29

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L213	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L214	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L215	873	"address table" and flag and (notify or notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 17:29
L216	0	(presenter or teacher) and "remote side computer terminal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L217	855	presenter and audience and information	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L218	124	presenter and audience and information and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L219	. 0	present%5 and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L220	834406	present\$5 and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L221	4041	present\$5 and URL and display and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29

L222	2392	present\$5 and URL and display and local and remote and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L223	40	present\$5 and URL and display and local and remote and presenter and (@ad<"19980729" or @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L224	0	present\$5 and URL and display and local and remote and presenter and (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L225	85	present\$5 and URL and display and local and remote and (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L226	2	"5774662".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L227	0	"Flag_s=on"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L228	3276	flag and on	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L229	6462	URL and flag and on (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L230	0	URL and flag and on and (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L231	98	URL and flag and (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29

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L232	77	URL and subscriber and (@ad<"19980729" or @rlad<"19980729") and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L233	45	URL and subscriber and (@ad<"19980729" or @rlad<"19980729") and "address table" and notif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L234	0	URL and subscriber and (@ad<"19980729" or @rlad<"19980729") and "address table" and notif\$7 and "flag information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L235	0	URL and (@ad<"19980729" or @rlad<"19980729") and "address table" and notif\$7 and "flag information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L236	0	URL and (@ad<"19980729" or @rlad<"19980729") and "address table" and "flag information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L237	76	(@ad<"19980729" or @rlad<"19980729") and "address table" and "flag information"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L238	2	(@ad<"19980729" or @rlad<"19980729") and "address table" and "flag information" and subscriber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L239		"7047489".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L240	1	"6904450".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L241	1	"6338075".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L242	1	"6286029".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L243	1	"6209027".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29

L244	1	"6195679".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L245	1	"6182122".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L246	1	"6163779".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L247	1	"6157364".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L248	1	"6128712".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L249	1	"6084582".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L250	1	"6041333".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L251	1	"5890172".PN.	USPAT; USOCR	OR ·	OFF	2007/07/31 17:29
L252	1	"5812736".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L253	· 1	"5809247".PN.	USPAT; USOCR	OR	OFF	2007/07/31 17:29
L254	572669	(@ad<"19980729" and @rlad<"19980729")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L255	105	(@ad<"19980729" and @rlad<"19980729") and address and URL and determin\$5 and notifi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L256	0	(@ad<"19980729" and @rlad<"19980729") and ("address table" same flag) and URL and determin\$5 and notifi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L257	61	(@ad<"19980729" and @rlad<"19980729") and ("address table" same flag)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:29
L258	25	(@ad<"19980729" and @rlad<"19980729") and ("address table" same terminal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30

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L259	0	(@ad<"19980729" and @rlad<"19980729") and (address same table same terminal same URL same recei\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L260	2	(@ad<"19980729" and @rlad<"19980729") and (address same table same terminal same URL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L261	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and "URL notification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L262	2	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and URL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L263	481	(@ad<"19980729" and @rlad<"19980729") and "terminal address"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L264	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and table and tag and "slide show"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L265	113	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and table and flag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L266	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and "accepting URL"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L267	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and "accept URL"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L268	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and (URL same accept)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30

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L269	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and (URL same notify)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L270	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and (URL same notif\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L271	0	(@ad<"19980729" and @rlad<"19980729") and "terminal address" and (URL same subscribe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L272		(@ad<"19980729" and @rlad<"19980729") and "terminal address" and (URL same subscription)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L273	11	(@ad<"19980729" and @rlad<"19980729") and (URL same subscription)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L274	4193	707/203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L275	2	"7047489".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L276	14969	709/203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L277	604616	(@ad<"19990630" and @rlad<"19990630")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L278	21	(@ad<"19990630" and @rlad<"19990630") and (URL same subscription)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30

L279	1058	(@ad<"19990630" and "address table"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L280	12	(@ad<"19990630" and @rlad<"19990630") and "address table" and flag and URL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L281	212	(@ad<"19990630" and @rlad<"19990630") and address and URL and determin\$5 and notifi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30
L282	101	(@ad<"19990630" and @rlad<"19990630") and address and URL and determin\$5 and notifi\$5 and terminals	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 17:30

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2. Method and system for generating a movie file from a slide show ...

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3. Method and apparatus for controlling composition and performance of by a slide presentation author. During a performance of a slide show, a presenter can enter commands to ...

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5. : Screen capture 19970613-16 times1.zip - Teaches the times tables ... zip - LookOne: FTP remote directory in local file 19970616-83 midbox13.zip - Midi ... 29 ssh95414.zip - Multimedia silde show screen ... http://jeist.dl.sourceforge.net/pub/news-archive/comp.archives.ms-wind...

6. LITA Newsletter: Spring 1999, Vol.20, No.2

... including outsourcing, while ensuring quality of service and local library control. ... Yahoo! Partnership for Local Information Opening ... http://archive.lita.org/newslett/v20n2/20-2noframes.htm

7. Reports on Richard Hoagland Conference, March 21st, 1996
Hoagland's Analysis on Art Bell Radio Show ... verifies that he has seen the same geometric patterns show up on these frames.

http://www.v-j-enterprises.com/hoagconf.html

8. About the people who are creating Ukiah HOURS

Inda was organizing a silde show on the topic (sponsored by the Mendocino Environmental ... the show and listening to the presenter (Maria ...

http://www.greenmac.com/hours/who.html

9. Microsoft Word - A Judges Guide.doc ... technology, 287 Appendix C: Local rules with respect to courtroom technology, 293 Appendix ...

http://www.law.erizona.edu/il/court/judgesquide.pdf

GIS or remote sensing to examine wetlands, working with local governments or community groups ... INVOLVING COMMUNITY GROUPS AND LOCAL ...

http://www.wetlandsforum.org/newsletter/vol5no2.pdf

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11. Networked Hyper QuickTime: Video-based Hypermedia Authoring and ... class presentations mainly consist of the instructor's speech and slide show.

http://ftp.cs.umn.edu/dept/users/wma/ieeemm/paper.txt

12. Potential Software: Microsoft® Powerpoint

technology, a computer projected silde show is more effective tool in a presentation than ... running silde show can be created, either ... http://www.lcc.gatech.edu/~herrington/sum98analysis/potsoft/ahofelich1...

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http://ftp.jaist.ac.jp/pub/news-archive/comp.archives.ms-windows.annou.

14. <u>Draft: Report on the Schools Online Project Jae-Eun JOO 1 I.</u> ... has extensive links to **local** and national fitness centres, mental health centres, and ... State Laws as well as **Local** Codes and ...

http://www.open.ac.uk/crete/movingwords/pdf/online2.pdf

15. Editorial - October 1993

used the YdeoShow Presenter, which is a hand-held remote-control device with a tiny colour ... to control your PC slide show without http://www.melbpc.org.au/pcupdate/9310/9310article2.htm

16. Linux Gazette Table of Contents LG #42 works properly, doesn't show up anything unusual, but linux fdisk complains about ... Craig Burton said "Show me the MTBF figures" ... http://www.adderpit.com/lg/issue42/issue42.html

17. Filename Extensions Bitmap graphics (Tempra Show - Edsun Continuous Edge Graphics) .cel Animation ... Graphics 2.0 - SoftCraft Presenter) .cht Interface file for ... http://members.tripod.com/~peacecraft/infomining/file_ext.txt

18. The Wellesley Illuminator May 1999

Barbara Ruhlman receives a standing ovation above, and talks to President Walsh and a student presenter below

http://www.wellesley.edu/PublicAffairs/Illuminator/illuminator599.html

19. <u>Journal of Extension, June 2001 - Feature Articles</u>
These are added to presenter's evaluation of "program model fit, quality of ... been eliminated, and the presenter is familiar with the ...

http://www.joe.org/joe/2001june/ent-a.html

. with locally approved materials and resources to meet specific local needs. ... Now a student in a remote or rural area in BC can ...

http://www.bced.gov.bc.ca/irp/resdocs/itk7.pdf

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Collaboration and multimedia authoring on mobile devices

Eyal de Lara, Rajnish Kumar, Dan S. Wallach, Willy Zwaenepoel

May 2003 Proceedings of the 1st international conference on Mobile systems, applications and services MobiSys '03

Publisher: ACM Press

Full text available: pdf(4.01 MB)

Additional Information: full citation, abstract, references, cited by, index terms

This paper introduces adaptation-aware editing and progressive update propagation, two novel mechanisms that enable authoring multimedia content and collaborative work on mobile devices. Adaptation-aware editing enables editing content that was adapted to reduce download time to the mobile device. Progressive update propagation reduces the time for propagating content generated at the mobile device by transmitting either a fraction of the modifications or transcoded versions thereo ...

2 Protocols for large data transfers over local networks



Willy Zwaenepoel

September 1985 ACM SIGCOMM Computer Communication Review, Proceedings of the ninth symposium on Data communications SIGCOMM '85, Volume 15 Issue 4

Publisher: ACM Press

Full text available: pdf(1.10 MB)

Additional Information: full citation, abstract, references, citings, index

terms

In this paper we analyze protocols for transmitting large amounts of data over a local area network. The data transfers analyzed in this paper are different from most other forms of large-scale data transfer protocols for three reasons: (1) The definition of the protocol requires the recipient to have sufficient buffers available to receive the data before the transfer takes place; (2) We assume that the source and the destination machine are more or less matched in speed; (3) The protocol ...

3 Stable and fault-tolerant object allocation



Gregory Johnson, Ambuj K. Singh

July 2000 Proceedings of the nineteenth annual ACM symposium on Principles of distributed computing PODC '00

Publisher: ACM Press

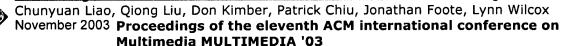
Full text available: pdf(1.04 MB)

Additional Information: full citation, abstract, references, citings, index terms

Support for efficient dynamic migration and replication of objects is essential for achieving adequate performance and scalability. Traditional solutions to the problem focused on competitiveness. This means that the algorithm's complexity matches the offline adversary's complexity within an acceptable ratio. We define and study the allocation

problem under two new measures: stability and fault tolerance. Stability considers the performance ...

4 Interacting with media: Shared interactive video for teleconferencing



Publisher: ACM Press

Full text available: pdf(1.33 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

We present a system that allows remote and local participants to control devices in a meeting environment using mouse or pen based gestures "through" video windows. Unlike state-of-the-art device control interfaces that require interaction with text commands, buttons, or other artificial symbols, our approach allows users to interact with devices through live video of the environment. This naturally extends our video supported pan/tilt/zoom (PTZ) camera control system, by allowing gestures in vi ...

Keywords: collaborative device control, distance learning, gesture based device control, panoramic video, video communication, video conferencing, video enabled device control

5 Presenting to local and remote audiences: design and use of the TELEP system

🚗 Gavin Jancke, Jonathan Grudin, Anoop Gupta

April 2000 Proceedings of the SIGCHI conference on Human factors in computing systems CHI '00

Publisher: ACM Press

Full text available: pdf(1.07 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

The current generation of desktop computers and networks are bringing streaming audio and video into widespread use. A small investment allows presentations or lectures to be multicast, enabling passive viewing from offices or rooms. We surveyed experienced viewers of multicast presentations and designed a lightweight system that creates greater awareness in the presentation room of remote viewers and allows remote viewers to interact with each other and the speaker. We report on the design, ...

Keywords: streaming media, tele-presentation

6 Design of a one to many collaborative product

Jean C. Scholtz

August 1997 Proceedings of the conference on Designing interactive systems: processes, practices, methods, and techniques DIS '97

Publisher: ACM Press

Full text available: pdf(426.14 KB) Additional Information: full citation, references, index terms

Keywords: design, personal conferencing, usability testing, user requirements, video conferencing

7 Research session: streams and stream-based processing: Sketching streams through the net: distributed approximate query tracking
Graham Cormode, Minos Garofalakis

August 2005 Proceedings of the 31st international conference on Very large data bases VLDB '05

Publisher: VLDB Endowment

Full text available: pdf(273.75 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

terms

Emerging large-scale monitoring applications require continuous tracking of complex dataanalysis queries over collections of physically-distributed streams. Effective solutions have to be simultaneously space/time efficient (at each remote monitor site), communication efficient (across the underlying communication network), and provide continuous, guaranteed-quality approximate query answers. In this paper, we propose novel algorithmic solutions for the problem of continuously tracking a broad ...

8 Incubator: The convertible podium: a rich media teaching tool for next-generation



classrooms

Maribeth Back, Surapong Lertsithichai, Patrick Chiu, Jonathan Foote, Don Kimber, John Boreczky, Qiong Liu, Frank Zhao, Takashi Matsumoto

July 2005 ACM SIGGRAPH 2005 Educators program SIGGRAPH '05

Publisher: ACM Press

Full text available: pdf(340.45 KB) Additional Information: full citation, abstract, references

The Convertible Podium is a central control station for rich media in next-generation classrooms. It integrates flexible control systems for multimedia software and hardware, and is designed for use in classrooms with multiple screens, multiple media sources and multiple distribution channels. The built-in custom electronics and unique convertible podium frame allows intuitive conversion between use modes (either manual or automatic). The at-a-touch sound and light control system gives control o ...

Keywords: RFID, educational games, educational technology, knowledge management, multimedia, rich media, smart furniture, tangible media

9 Posters: User activity synthesis in ambient intelligence environments



Nikolaos Georgantas, Valérie Issarny

November 2004 Proceedings of the 2nd European Union symposium on Ambient intelligence EUSAI '04

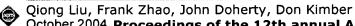
Publisher: ACM Press

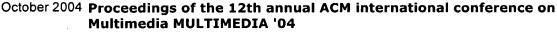
Full text available: pdf(326.50 KB) Additional Information: full citation, abstract, references, citings

Ambient Intelligence (AmI) has opened new perspectives to the enactment of human activities related to accessing information and computation. We present in this paper our approach based on Web services towards the dynamic synthesis of user activities within an AmI environment. We introduce a detailed architectural model allowing for precise modeling of environment functionality and its integration into user activities. We illustrate our modeling approach by applying it to a demanding AmI scen ...

Keywords: ambient intelligence, architectural model, middleware, service composition, web services

10 Video demonstration session: An EPIC enhanced meeting environment





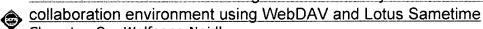
Publisher: ACM Press

Full text available: pdf(162.72 KB) Additional Information: full citation, abstract, references, index terms

ePic is an integrated presentation authoring and playback system that makes it easy to use a wide range of devices installed in one or multiple multimedia venues.

Keywords: computer assisted presentation authoring, device control, multimedia venues, presentation authoring, rich media presentation

11 Technical Session: Constructing a web-based asynchronous and synchronous



Changtao Qu, Wolfgang Neidl

October 2001 Proceedings of the 29th annual ACM SIGUCCS conference on User services SIGUCCS '01

Publisher: ACM Press

Full text available: Tpdf(477.98 KB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we present our practice of constructing a Web-based asynchronous and synchronous collaboration environment for supporting collaborative distance learning between a German university and a university in Italy. We utilize the recent collaborationfriendly Internet protocol WebDAV to implement a groupware system which can support document-centric asynchronous collaboration activities, e.g., collaborative document authoring, collaborative document management, etc., as well as an indust ...

Keywords: asynchronous collaboration, lotus sametime, synchronous collaboration, webbased distributed authoring and versioning

12 Building distributed virtual environments to support collaborative work



Emmanuel Frécon, Anneli Avatare Nöu

November 1998 Proceedings of the ACM symposium on Virtual reality software and technology VRST '98

Publisher: ACM Press

Full text available: pdf(2.96 MB)

Additional Information: full citation, references, citings, index terms

Keywords: 3D collaborative tools, CSCW, CVE, DIVE, room metaphor

13 E-Learning Basics: Case Studies: User experience in the first ARISE distributed



📤 <u>classroom</u>

Paul W. Smith, Kelly A. Lyons

March 2004 eLearn, Volume 2004 Issue 3

Publisher: ACM Press

Full text available: html(26.96 KB)

Additional Information: full citation, index terms, review

Publisher Site

14 Traversable interfaces between real and virtual worlds



Boriana Koleva, Holger Schnädelbach, Steve Benford, Chris Greenhalgh

April 2000 Proceedings of the SIGCHI conference on Human factors in computing systems CHI '00

Publisher: ACM Press

Full text available: pdf(1.13 MB)

Additional Information: full citation, abstract, references, citings, index terms

Traversable interfaces establish the illusion that virtual and physical worlds are joined together and that users can physically cross from one to the other. Our design for a traversable interface combines work on tele-embodiment, mixed reality boundaries and virtual environments. It also exploits non-solid projection surfaces, of which we describe four examples. Our design accommodates the perspectives of users who traverse the interface and also observers who are present in the connected ph ...

Keywords: augmented reality, mixed reality, tele-embodiment, tele-presence, virtual environments

15 A principled design for scalable internet visual communications with rich media,

interactivity, and structured archives

Ron Baecker

October 2003 Proceedings of the 2003 conference of the Centre for Advanced Studies on Collaborative research CASCON '03

Publisher: IBM Press

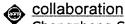
Full text available: pdf(1.44 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

iciiiis

In contrast to video conferencing, webcasting supports scaleable Internet visual communications, yet it is typically viewed as an ephemeral one-way broadcast medium. We present a principled design for interactive webcasts that are accessible both in real-time and retrospectively. We derive system architecture and functionality from project goals, results from the video communications literature, and observations of prototype implementations in real webcasts. The ePresence system is scalable, int ...

16 Transparent adaptation of single-user applications for multi-user real-time



Chengzheng Sun, Steven Xia, David Sun, David Chen, Haifeng Shen, Wentong Cai
December 2006 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 13

Publisher: ACM Press

Full text available: pdf(3.12 MB)

Additional Information: full citation, abstract, references, index terms

Single-user interactive computer applications are pervasive in our daily lives and work. Leveraging single-user applications for supporting multi-user collaboration has the potential to significantly increase the availability and improve the usability of collaborative applications. In this article, we report an innovative *Transparent Adaptation* (TA) approach and associated supporting techniques that can be used to convert existing and new single-user applications into collaborative ones, ...

Keywords: Application sharing, CoPowerPoint, CoWord, computer-supported cooperative work, operational transformation, transparent adaptation

17 A forum for supporting interactive presentations to distributed audiences

Ellen A. Isaacs, Trevor Morris, Thomas K. Rodriguez

October 1994 Proceedings of the 1994 ACM conference on Computer supported cooperative work CSCW '94

Publisher: ACM Press

Full text available: pdf(1.37 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Computer technology is available to build video-based tools for supporting presentations to distributed audiences, but it is unclear how such an environment affects participants' ability to interact and to learn. We built and tested a tool called Forum that broadcasts live audio, video and slides from a speaker, and enables audiences to interact with the speaker and other audience members in a variety of ways. The challenge was to enable effective interactions while overcoming obstacles in ...

Keywords: broadcast video, distance learning, distributed presentations, multimedia, remote collaboration, user interface design

18 Session2: Experiencing a presentation through a mixed reality boundary

Boriana Koleva, Holger Schnädelbach, Steve Benford, Chris Greenhalgh
September 2001 Proceedings of the 2001 International ACM SIGGROUP Conference on
Supporting Group Work GROUP '01

Publisher: ACM Press

Full text available: pdf(206.44 KB) Additional Information: full citation, abstract, references, index terms

We describe a pilot study of the use of a mixed reality environment for distributed presentations involving virtual and physical audiences and speakers. Our aims were to establish mutual awareness between all participants; to present physical and virtual worlds as being spatially integrated; and to support moderate sized audiences. We used a mixed reality boundary to join a physical space to a collaborative virtual environment so that the two appeared to be adjacent but distinct components of a ...

Keywords: awareness, distributed presentations, mixed reality boundaries, spatial integration

19 Automating camera management for lecture room environments

Qiong Liu, Yong Rui, Anoop Gupta, J. J. Cadiz

March 2001 Proceedings of the SIGCHI conference on Human factors in computing systems CHI '01

Publisher: ACM Press

Full text available: pdf(676.89 KB)

Additional Information: full citation, abstract, references, citings, index terms

Given rapid improvements in network infrastructure and streaming-media technologies, a large number of corporations and universities are recording lectures and making them available online for anytime, anywhere access. However, producing high-quality lecture videos is still labor intensive and expensive. Fortunately, recent technology advances are making it feasible to build automated camera management systems to capture lectures. In this paper we report on our design, implementation and st ...

Keywords: automated camera management, sound source localization, speaker tracking, video production rules, virtual video director

20 Advocating a remote socket architecture for internet access using wireless LANs

M. Schläger, B. Rathke, A. Wolisz, S. Bodenstein

January 2001 Mobile Networks and Applications, Volume 6 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: pdf(490.10 KB) Additional Information: full citation, references, index terms, review

Keywords: TCP, internet access, measurement, performance, socket-interface, wireless LAN

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GPGPU: general purpose computation on graphics hardware

David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, Aaron Lefohn

August 2004 ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Full text available: pdf(63.03 MB) Additional Information: full citation, abstract, citings

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely powerful and flexible processor. The latest graphics architectures provide tremendous memory bandwidth and computational horsepower, with fully programmable vertex and pixel processing units that support vector operations up to full IEEE floating point precision. High level languages have emerged for graphics hardware, making this computational power accessible. Architecturally, GPUs are highly parallel s ...

2 The elements of nature: interactive and realistic techniques



Oliver Deusen, David S. Ebert, Ron Fedkiw, F. Kenton Musgrave, Przemyslaw Prusinkiewicz, Doug Roble, Jos Stam, Jerry Tessendorf

August 2004 ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Full text available: 🔁 pdf(17.65 MB) Additional Information: full citation, abstract

This updated course on simulating natural phenomena will cover the latest research and production techniques for simulating most of the elements of nature. The presenters will provide movie production, interactive simulation, and research perspectives on the difficult task of photorealistic modeling, rendering, and animation of natural phenomena. The course offers a nice balance of the latest interactive graphics hardware-based simulation techniques and the latest physics-based simulation techni ...

State of the art in Monte Carlo global illumination



Philip Dutré, Henrik Wann Jensen, Jim Arvo, Kavita Bala, Philippe Bekaert, Steve Marschner, Matt Pharr

August 2004 ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04

Publisher: ACM Press

Additional Information: full citation, abstract Full text available: pdf(5.48 MB)

Realistic image synthesis is increasingly important in areas such as entertainment (movies, special effects and games), design, architecture and more. A common trend in all these areas is the quest for more realistic images of increasingly complex models. Monte Carlo global illumination algorithms are the only methods that can handle this complexity. Recent advances in algorithms and compute power has made Monte Carlo algorithms very practical and a natural choice for most problems. The purpose o ...

4. Structuring internet media streams with cueing protocols

Jack Brassil, Henning Schulzrinne

August 2002 IEEE/ACM Transactions on Networking (TON), Volume 10 Issue 4

Publisher: IEEE Press

Full text available: pdf(282.39 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

We propose a new, media-independent protocol for including program timing, structure, and identity information in Internet media streams. The protocol uses signaling messages called *cues* to indicate events whose timing is significant to receivers, such as the start or stop time of a media program. We describe the implementation and operation of a prototype Internet radio station which transmits program cues in audio broadcasts using the Real-Time Transport Protocol (RTP). A collection of ...

Keywords: content delivery networks, multimedia signaling, real-time transport protocol (RTP)

5 On the effective use and reuse of HCI knowledge

Alistair Sutcliffe

June 2000 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 7 Issue 2

Publisher: ACM Press

Full text available: pdf(245.10 KB)

Additional Information: <u>full citation</u>, <u>appendices and supplements</u>, <u>abstract</u>, <u>references</u>, <u>cited by</u>, <u>index terms</u>, <u>review</u>

The article argues that new approaches for delivering HCI knowledge from theory to designers will be necessary in the new millennium. First the role of theory in HCI design to date is reviewed, including the progress made in cognitive theories of interaction and their impact on the design pr ocess. The role of bridging models that build on models of interaction is described, but it is argued that direct application of cognitive theory to design is limited by scalability problems. The altern ...

⁶ Modeling NII services: future needs for standards and interoperability

Christopher Dabrowski, William Majurski, Wayne McCoy, Shukri Wakid December 1994 **StandardView**, Volume 2 Issue 4

Publisher: ACM Press

Full text available: pdf(1.49 MB) Add

Additional Information: full citation, references, index terms

7 Mobile visual interaction: enhancing local communication and collaboration with

visual interactions

Panu Vartiainen, Suresh Chande, Kimmo Rämö

December 2006 Proceedings of the 5th international conference on Mobile and ubiquitous multimedia MUM '06

Publisher: ACM Press

Full text available: pdf(9.14 MB)

Additional Information: full citation, abstract, references, index terms

User interaction with applications and data is traditionally based on Menu driven, mouse or pen based user interfaces. As increasing number of mobile devices are equipped with cameras, mobile devices can be a key tool for local and remote visual interaction and communications. In this paper we discuss our *Mobile Visual Interaction* system that enables pointing with mobile camera devices on larger displays, and key findings in using mobile cameras for human computer interaction. The mobile ...

Keywords: imaging, large displays, mobile camera, user interfaces, visual interaction

Managing routing tables for URL routers in content distribution networks
Zornitza Genova Prodanoff, Kenneth J. Christensen



May 2004 International Journal of Network Management, Volume 14 Issue 3

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(337.00 KB) Additional Information: full citation, abstract, references, index terms

Large-scale content distribution networks (CDNs) can be built using URL routers to redirect client HTTP requests to the nearest content source. URL routers employ very large routing tables. To improve the manageability of CDNs, we propose to use URL signatures to reduce the size of routing tables and aggressive hashing to speed-up routing look-ups.

9 Doing business in the information marketplace: a case study

ᇘ Jörg P. Müller, Markus Pischel

April 1999 Proceedings of the third annual conference on Autonomous Agents
AGENTS '99

Publisher: ACM Press

Full text available: pdf(1.17 MB) Additional Information: full citation, references, citings, index terms

10 CVDB best student paper: A live multimedia stream querying system

Bin Liu, Amarnath Gupta, Ramesh Jain

June 2005 Proceedings of the 2nd international workshop on Computer vision meets databases CVDB '05

Publisher: ACM Press

Full text available: pdf(399.97 KB) Additional Information: full citation, abstract, references

Querying live media streams captured by various sensors is becoming a challenging problem, due to the data heterogeneity and the lack of a unifying data model capable of accessing various multimedia data and providing reasonable abstractions for the query purpose. In this paper we propose a system that enables directly capturing media streams from sensors and automatically generating more meaningful feature streams that can be queried by a data stream processor. The system provides an effective ...

11 Graphical user interfaces as documents



Dirk Draheim, Christof Lutteroth, Gerald Weber

July 2006 Proceedings of the 7th ACM SIGCHI New Zealand chapter's international conference on Computer-human interaction: design centered HCI CHINZ '06

Publisher: ACM Press

Full text available: pdf(301.16 KB) Additional Information: full citation, abstract, references, index terms

The representation of GUIs as documents is a technological trend that has been present for some years, but is only now about to significantly change the way in which most user interfaces are developed. This paper examines this change, explains the reasons behind it and the concepts involved. It compares the old fashioned way of programming user interfaces as code units with the document-based paradigm, explaining why the latter is preferable. Furthermore, it discusses how the document-based para ...

Keywords: GUI, WYSIWYG, document orientation, end-user development

12 Public policy: Progress made at SIGGRAPH 2002 provides direction for 2003



Bob Ellis

November 2002 ACM SIGGRAPH Computer Graphics, Volume 36 Issue 4

Publisher: ACM Press

Full text available: pdf(245.80 KB) Additional Information: full citation, index terms

13 Web based teaching: a minimalist approach Chris Jesshope



July 1997 Proceedings of the 2nd Australasian conference on Computer science education ACSE '97

Publisher: ACM Press

Additional Information: full citation, references, citings, index terms Full text available: pdf(1.04 MB)

14 Implementation and experience with the terminal registration system with web



interface

Naomi Fujimura, Zen-ichi Hirayama, Tatsuya Oka, Masato Komori

November 2006 Proceedings of the 34th annual ACM SIGUCCS conference on User services SIGUCCS '06

Publisher: ACM Press

Full text available: 🗖 pdf(691.49 KB) Additional Information: full citation, abstract, references, index terms

The cost of operation and management are growing rapidly in proportion to the increase of the number of network terminals connected to the network. We hope to improve the quality of network service, but it is difficult because of reasons such as manpower and budget limitations. The number of staff members in our information processing center decreased when the organization was restructured in October 2003. To address this situation, we implemented a new network terminal registration system with a ...

Keywords: DHCP, networking, personal computing, static IP address, system configuration, terminal registration, web-based

15 Wide-area monitoring of mobile objects: Electronic shepherd - a low-cost, low-



bandwidth, wireless network system

Bjørn Thorstensen, Tore Syversen, Trond-Are Bjørnvold, Tron Walseth June 2004 Proceedings of the 2nd international conference on Mobile systems, applications, and services MobiSys '04

Publisher: ACM Press

Full text available: pdf(409.68 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper reports a new novel low-cost, wireless communication network system, called the "Electronic Shepherd" (ES). The system is innovative in the way that it supports flock behavior, meaning that a flock leader monitors the state of the other elements in the flock using low-cost radio communication equipment. The paper addresses both details of the terminal devices and communication protocols, as well as testing of the system in a real environment. The ES system was originally made to addre ...

Keywords: GPRS, GPS, animal tracking, cost-effective communication, low-power equipment, rural computing, short-range communication, wireless network

16 Implementation of IPv6 functions for a network user authentication system opengate



Makoto Otani, Katsuhiko Equchi, Hirofumi Eto, Kenzi Watanabe, Shin-ichi Tadaki, Yoshiaki Watanabe

November 2005 Proceedings of the 33rd annual ACM SIGUCCS conference on User services SIGUCCS '05

Publisher: ACM Press

Full text available: pdf(265.90 KB) Additional Information: full citation, abstract, references, index terms

In Japan, many research networks are implemented with Internet Protocol Version 4 (IPv4) and Internet Protocol Version 6 (IPv6) dual stacks, and some ISPs are beginning to provide IPv6 services. Popular operating systems such as Windows XP, Mac OS X and Linux also support IPv6. Therefore, the user will use IPv6 transparently in the near future. From this background, it is important to implement a network user authentication system that can control both communications of IPv4 and IPv6, simultaneo ...

Keywords: IPv6, internet, network user authentication system, opengate

17 m-links: An infrastructure for very small internet devices

Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh

July 2001 Proceedings of the 7th annual international conference on Mobile computing and networking MobiCom '01

Publisher: ACM Press

Full text available: pdf(680.78 KB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing World Wide Web content and services on wireless phones and other very small Internet terminals. Very small devices, typically with 3-20 lines of text, provide portability and other functionality while sacrificing usability as Internet terminals. In order to provide access on such limited hardware we propose a small device web navigation model that is more appropriate than the desktop computer's web brows ...

Keywords: middleware, proxy, web phones, wireless, wireless web

18 Ubiquitous presenter: increasing student access and control in a digital lecturing



🙈 environment

Michelle Wilkerson, William G. Griswold, Beth Simon

February 2005 ACM SIGCSE Bulletin, Proceedings of the 36th SIGCSE technical symposium on Computer science education SIGCSE '05, Volume 37 Issue 1

Publisher: ACM Press

Full text available: pdf(494.37 KB)

Additional Information: full citation, abstract, references, citings, index terms.

The University of Washington's Classroom Presenter lecturing system enables an active lecturing environment by combining a standard electronic slide presentation format with the capability for extemporaneous ink annotations by instructors and students using Tablet PCs. Thus, it can promote more interactive, student-centered learning. While many students may own laptops, few are yet Tablet devices. Also, Presenter uses multicast networking, which has availability and reliability issues. Ubiquitou ...

Keywords: active learning, classroom assessment, collaborative learning, educational technology, presentation tools, tablet PC

19 Papers: On the move: From desktop to phonetop: a UI for web interaction on very



small devices

Jonathan Trevor, David M. Hilbert, Bill N. Schilit, Tzu Khiau Koh

November 2001 Proceedings of the 14th annual ACM symposium on User interface software and technology UIST '01

Publisher: ACM Press

Full text available: pdf(1.34 MB)

Additional Information: full citation, abstract, references, citings, index <u>terms</u>

While it is generally accepted that new Internet terminals should leverage the installed base of Web content and services, the differences between desktop computers and very small devices makes this challenging. Indeed, the browser interaction model has evolved on desktop computers having a unique combination of user interface (large display, keyboard, pointing device), hardware, and networking capabilities. In contrast, Internet enabled cell phones, typically with 3-10 lines of text, sacrifice ...

Keywords: PDA, Web browsing, transcoding, transducing, web phone, wireless web

Information flow inference for ML



François Pottier, Vincent Simonet

January 2003 ACM Transactions on Programming Languages and Systems (TOPLAS),

Volume 25 Issue 1

Publisher: ACM Press

Full text available: pdf(554.94 KB)

Additional Information: full citation, abstract, references, citings, index

This paper presents a type-based information flow analysis for a call-by-value λ -calculus equipped with references, exceptions and let-polymorphism, which we refer to as ML. The type system is constraint-based and has decidable type inference. Its noninterference proof is reasonably light-weight, thanks to the use of a number of orthogonal techniques. First, a syntactic segregation between values and expressions allows a lighter formulation of the type system. Second, nonint ...

Keywords: Constraint-based analysis, non-interference

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Switches & routers: Design of a web switch in a reconfigurable platform

Christoforos Kachris, Stamatis Vassiliadis December 2006 Proceedings of the 2006 ACM/IEEE symposium on Architecture for

Publisher: ACM Press

Full text available: Top pdf(319.85 KB) Additional Information: full citation, abstract, references, index terms

networking and communications systems ANCS '06

The increase of the web traffic has created the need for web switches that are able to balance the traffic to the server farms based on their contents (e.g. layer 7 switching). In this paper we present a web switch implemented in a multi-processor reconfigurable platform augmented with hardware co-processors. The system supports the TCP splicing scheme to accelerate the routing of the packets by forwarding packets at the IP layer after a connection has been spliced. The processors are alleviated ...

Keywords: reconfigurable logic, web switch

2 Workshop on testing, analysis and verification of web services (TAV-WEB) papers:



Testing web database applications Yuetang Deng, Phyllis Frankl, Jiong Wang

September 2004 ACM SIGSOFT Software Engineering Notes, Volume 29 Issue 5

Publisher: ACM Press

Full text available: Topdf(110.98 KB) Additional Information: full citation, abstract, references

Commercial, scientific, and social activities are increasingly becoming dependent on Web database applications. New testing techniques that handle the unique features of these systems are needed. To that end, we have extended AGENDA, a tool set for testing relational database applications, to test web database applications. Application source code is analyzed to extract relevant information about the URLs and their parameters. This information is used to construct and simplify a graph in which n ...

Keywords: database, software testing, web application

3 The state of the art in locally distributed Web-server systems

Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu June 2002 ACM Computing Surveys (CSUR), Volume 34 Issue 2

Publisher: ACM Press

Full text available: T pdf(1.41 MB)

Additional Information: full citation, abstract, references, citings, index

terms

The overall increase in traffic on the World Wide Web is augmenting user-perceived

response times from popular Web sites, especially in conjunction with special events. System platforms that do not replicate information content cannot provide the needed scalability to handle large traffic volumes and to match rapid and dramatic changes in the number of clients. The need to improve the performance of Web-based services has produced a variety of novel content delivery architectures. This article w ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, distributed systems, load balancing, routing mechanisms

4 Naming as a fundamental concept of open hypermedia systems

Manolis Tzagarakis, Nikos Karousos, Dimitris Christodoulakis, Siegfried Reich
May 2000 Proceedings of the eleventh ACM on Hypertext and hypermedia
HYPERTEXT '00

Publisher: ACM Press

Full text available: pdf(125.38 KB) Additional Information: full citation, references, citings, index terms

Keywords: component-based open hypermedia system (CB-OHS), naming system, reference architecture

5 Application level performance: On the use and performance of content distribution

networks networks

Balachander Krishnamurthy, Craig Wills, Yin Zhang

November 2001 Proceedings of the 1st ACM SIGCOMM Workshop on Internet

Measurement IMW '01

Publisher: ACM Press

Full text available: pdf(2.51 MB)

Additional Information: full citation, abstract, references, citings, index terms

Content distribution networks (CDNs) are a mechanism to deliver content to end users on behalf of origin Web sites. Content distribution offloads work from origin servers by serving some or all of the contents of Web pages. We found an order of magnitude increase in the number and percentage of popular origin sites using CDNs between November 1999 and December 2000.In this paper we discuss how CDNs are commonly used on the Web and define a methodology to study how well they perform. A performanc ...

6 Separate handles from names on the internet

Michael J. O'Donnell

December 2005 Communications of the ACM, Volume 48 Issue 12

Publisher: ACM Press

Full text available: pdf(83.49 KB)
Additional Information: full citation, abstract, references, index terms

The human meaning of domain names attracts conflict over their control, degrading their reliability as permanent handles. Solution: support handles separately from names.

7 OS and compiler considerations in the design of the IA-64 architecture

Rumi Zahir, Jonathan Ross, Dale Morris, Drew Hess

November 2000 ACM SIGOPS Operating Systems Review, ACM SIGARCH Computer Architecture News, Proceedings of the ninth international conference on Architectural support for programming languages and operating systems ASPLOS-IX, Volume 34, 28 Issue 5, 5

Publisher: ACM Press

Full text available: pdf(96.50 KB)

Additional Information: full citation, abstract, references, citings, index terms

Increasing demands for processor performance have outstripped the pace of process and

frequency improvements, pushing designers to find ways of increasing the amount of work that can be processed in parallel. Traditional RISC architectures use hardware approaches to obtain more instruction-level parallelism, with the compiler and the operating system (OS) having only indirect visibility into the mechanisms used. The IA-64 architecture [14] was specifically designed to enable systems which create ...

8 OS and compiler considerations in the design of the IA-64 architecture



Rumi Zahir, Jonathan Ross, Dale Morris, Drew Hess November 2000 ACM SIGPLAN Notices, Volume 35 Issue 11

Publisher: ACM Press

Full text available: pdf(1.15 MB)

Additional Information: full citation, abstract, references, index terms

Increasing demands for processor performance have outstripped the pace of process and frequency improvements, pushing designers to find ways of increasing the amount of work that can be processed in parallel. Traditional RISC architectures use hardware approaches to obtain more instruction-level parallelism, with the compiler and the operating system (OS) having only indirect visibility into the mechanisms used. The IA-64 architecture [14] was specifically designed to enable systems which create ...

Web server workload characterization: the search for invariants



Martin F. Arlitt, Carey L. Williamson

May 1996 ACM SIGMETRICS Performance Evaluation Review, Proceedings of the 1996 ACM SIGMETRICS international conference on Measurement and modeling of computer systems SIGMETRICS '96, Volume 24 Issue 1

Publisher: ACM Press

Full text available: T pdf(1.28 MB)

Additional Information: full citation, abstract, references, citings, index terms

The phenomenal growth in popularity of the World Wide Web (WWW, or the Web) has made WWW traffic the largest contributor to packet and byte traffic on the NSFNET backbone. This growth has triggered recent research aimed at reducing the volume of network traffic produced by Web clients and servers, by using caching, and reducing the latency for WWW users, by using improved protocols for Web interaction. Fundamental to the goal of improving WWW performance is an understanding of WWW workloads. This ...

10 Ruby as enterprise glue

Maik Schmidt

July 2006 Linux Journal, Volume 2006 Issue 147

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(27.42

Additional Information: full citation, abstract, index terms

How to pull together a heterogenous environment with Ruby.

11 Session 2: Review and analysis of synthetic diversity for breaking monocultures James E. Just, Mark Cornwell



October 2004 Proceedings of the 2004 ACM workshop on Rapid malcode WORM '04

Publisher: ACM Press

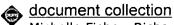
Full text available: 🔂 pdf(356.14 KB)

Additional Information: full citation, abstract, references, citings, index

The increasing monoculture in operating systems and key applications and the enormous expense of N-version programming for custom applications mean that lack of diversity is a fundamental barrier to achieving survivability even for high value systems that can afford hot spares. This monoculture makes flash worms possible. Our analysis of vulnerabilities and exploits identifies key assumptions required to develop successful attacks. We review the literature on synthetic diversity techniques, f ...

Keywords: diversity, n-version programming, vulnerability

12 Information retrieval session 7: web: Representing interests as a hyperlinked



Michelle Fisher, Richard Everson

November 2003 Proceedings of the twelfth international conference on Information and knowledge management CIKM '03

Publisher: ACM Press

Full text available: pdf(111.85 KB) Additional Information: full citation, abstract, references, index terms

We describe a latent variable model for representing a user's interests as a hyperlinked document collection. By collecting hyper-text documents that a user views, creates or updates whilst at their computer, we are able to use not only the content of these documents but also the inter-connectivity of the collection to model the user's interests. The model uses Probabilistic Latent Semantic Analysis and Probabilistic Hypertext Induced Topic Selection and decomposes the user's document collection ...

Keywords: hyperlinked/hypertext document collections, information access, latent variable models, user interests

13 Meeting the IT-skill shortage in Europe head-on; approaching in unison from practice





and academia

Carl Erik Moe, Maung Kyaw Sein

April 2001 Proceedings of the 2001 ACM SIGCPR conference on Computer personnel research SIGCPR '01

Publisher: ACM Press

Full text available: 🔁 pdf(522.97 KB) Additional Information: full citation, abstract, references, index terms

The IT Personnel crisis is global afflicting many areas, including the US, Australia and Europe. In this paper, we report and evaluate on-going approaches in Europe from both practice and academia. We focus especially on the CEPIS projects that aim at addressing the IT skills shortage. We then examine how research projects based on theoretical and conceptual premises in Norway can enhance these practical approaches. We propose ways of integrating the two approaches, and incorporate human reso ...

14 W-mail: an electronic mail system for wearable computing environments



Hirotaka Ueda, Masahiko Tsukamoto, Shojiro Nishio

August 2000 Proceedings of the 6th annual international conference on Mobile computing and networking MobiCom '00

Publisher: ACM Press

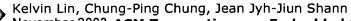
Full text available: pdf(1.99 MB)

Additional Information: full citation, abstract, references, citings, index terms

This paper describes an e-mail system for wearable computing environments. In this system, we extend the conventional mail format and the server/client(browser) architecture by considering the specific features of wearable computing environments, i.e., full time operation, hands-free use of computer, and close relationship to our daily life. A mail author can specify the behavior of his/her mail by embedding several useful commands in the mail. A user can specify in the mail various conditi ...

Keywords: e-mail, location dependent service, wearable computing

15 Compressing MIPS code by multiple operand dependencies



November 2003 ACM Transactions on Embedded Computing Systems (TECS), Volume 2 Issue 4

Publisher: ACM Press

Full text available: 7 pdf(576.31 KB) Additional Information: full citation, abstract, references, index terms

Intuitively, destination registers of some instructions have great possibilities to be used as the source registers of the immediately subsequent instructions. Such destination

register/source register pairs have been exploited previously to improve code compression ratio [compression ratio = (Dictionary Size + Encoded Program Size)/Original Program Size]. This paper further examines the exploitation of both register and immediate operand dependencies to improve the c ...

Keywords: Code compression, benchmarks, data compression, instruction set architecture

16 Javelin++: scalability issues in global computing

Michael O. Neary, Sean P. Brydon, Paul Kmiec, Sami Rollins, Peter Cappello June 1999 Proceedings of the ACM 1999 conference on Java Grande JAVA '99

Publisher: ACM Press

Full text available: pdf(1.34 MB) Additional Information: full citation, references, citings, index terms

17 Memory-system design considerations for dynamically-scheduled processors

Keith I. Farkas, Paul Chow, Norman P. Jouppi, Zvonko Vranesic May 1997 ACM SIGARCH Computer Architecture News, Proceedings of the 24th annual international symposium on Computer architecture ISCA '97, Volume

25 Issue 2 Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(1.80 MB) terms

In this paper, we identify performance trends and design relationships between the following components of the data memory hierarchy in a dynamically-scheduled processor: the register file, the lockup-free data cache, the stream buffers, and the interface between these components and the lower levels of the memory hierarchy. Similar performance was obtained from all systems having support for fewer than four in-flight misses, irrespective of the register-file size, the issue width of the process ...

18 Novel web applications: Mash-o-matic

Sudarshan Murthy, David Maier, Lois Delcambre

October 2006 Proceedings of the 2006 ACM symposium on Document engineering DocEng '06

Publisher: ACM Press

Full text available: 📆 pdf(427.14 KB) Additional Information: full citation, abstract, references, index terms

Web applications called mash-ups combine information of varying granularity from different, possibly disparate, sources. We describe Mash-o-matic, a utility that can extract, clean, and combine disparate information fragments, and automatically generate data for mash-ups and the mash-ups themselves. As an illustration, we generate a mash-up that displays a map of a university campus, and outline the potential benefits of using Mash-omatic. Mash-o-matic exploits superimposed inf ...

Keywords: SPARCE, bi-level information, document transformation, mash-up, sidepad, superimposed information

19 Web community mining and web log mining: commodity cluster based execution Masaru Kitsuregawa, Masashi Toyoda, Iko Pramudiono

January 2002 Australian Computer Science Communications, Proceedings of the 13th Australasian database conference - Volume 5 ADC '02, Volume 24 Issue 2

Publisher: Australian Computer Society, Inc., IEEE Computer Society Press

Additional Information: full citation, abstract, references, cited by, index Full text available: pdf(801.13 KB) terms

The emergence of WWW has drawn new frontiers for database research. Web mining has become a hot topic since WWW rapid expansion rate and chaotic nature have exposed

some technical challenges as well as interesting discoveries. In general web mining can be classified into web structure mining and web usage mining. Here we introduce two applications of web mining, first from mining the web structure we identify web communities, and the second we mine web usage of mobile internet users on location ...

Keywords: PC cluster, parallel mining, web community, web mining

20 Hash-based paging and location update using bloom filters: a paging algorithm that is

best suitable for IPv6

Pars Mutaf, Claude Castelluccia

December 2004 Mobile Networks and Applications, Volume 9 Issue 6

Publisher: Kluwer Academic Publishers

Full text available: R pdf(173.62 KB) Additional Information: full citation, abstract, references, index terms

We develop and analyze a hash-based paging and location update technique that reduces the paging cost in cellular systems. By applying a Bloom filter, the terminal identifier field of a paging message is coded to page a number of terminals concurrently. A small number of terminals may wake up and send what we call "false location updates" although they are not being paged. We compare the total number of paging and false location update messages with the cost of the standard paging procedure. ...

Keywords: IP paging, MIPv6, bloom filters, concurrent paging, false location update

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